

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14875-134US1	Application No. 10/510,971
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Tetsuo Kojima	
		Filing Date October 12, 2004	Group Art Unit

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						

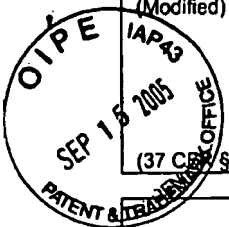
**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AB							
	AC							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AD	McGuinness BT et al., "Phage diabody repertoires for selection of large number of bispecific antibody fragments", <i>Nature Biotechnology</i> , Vol. 14(9), pages 1149-1154 (1996).
	AE	DeNardo D.G. et al., "Anti-HLA-DR/anti-DOTA diabody construction in modular gene design platform: bispecific antibodies for pretargeted radioimmunotherapy", <i>Cancer Biotherapy &amp; Radiopharmaceuticals</i> , Vol. 16(6), pages 525-535 (2001).
	AF	Andris-Widhopf J. et al., "Methods for the generation of chicken monoclonal antibody fragments by phage display", <i>Journal of Immunological Methods</i> , Vol. 242, pages 159-181 (2000).
	AG	Turner D.J. et al., "Importance of the linker in expression of single-chain Fv antibody fragments: optimization of peptide sequence using phage display technology", <i>Journal of Immunological Methods</i> , Vol. 205, pages 43-54 (1997).
	AH	Tang Y. et al., "Selection of linkers for a catalytic single-chain antibody using phage display technology", <i>The Journal of Biological Chemistry</i> , Vol. 271(26), pages 15682-15686 (1996).
	AI	Holliger P. et al., "'Diabodies', small bivalent and bispecific antibody fragments", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 90, pages 6444-6448 (1993).

Examiner Signature  /Lynn Bristol/	Date Considered  07/31/2007
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>14875-148US1</b>	Application No. <b>N/A</b>
	Applicant <b>Tetsuo Kojima</b>		
	Filing Date <b>July 20, 2005</b>	Group Art Unit	

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AB							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AC	McGuinness BT et al., "Phage diabody repertoires for selection of large number of bispecific antibody fragments", <i>Nature Biotechnology</i> , Vol. 14(9), pages 1149-1154 (1996).
	AD	DeNardo D.G. et al., "Anti-HLA-DR/anti-DOTA diabody construction in modular gene design platform: bispecific antibodies for pretargeted radioimmunotherapy", <i>Cancer Biotherapy &amp; Radiopharmaceuticals</i> , Vol. 16(6), pages 525-535 (2001).
	AE	Andris-Widhopf J. et al., "Methods for the generation of chicken monoclonal antibody fragments by phage display", <i>Journal of Immunological Methods</i> , Vol. 242, pages 159-181 (2000).
	AF	Turner D.J. et al., "Importance of the linker in expression of single-chain Fv antibody fragments: optimization of peptide sequence using phage display technology", <i>Journal of Immunological Methods</i> , Vol. 205, pages 43-54 (1997).
	AG	Tang Y. et al., "Selection of linkers for a catalytic single-chain antibody using phage display technology", <i>The Journal of Biological Chemistry</i> , Vol. 271(26), pages 15682-15686 (1996).
	AH	Holliger P. et al., "Diabodies", small bivalent and bispecific antibody fragments", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 90, pages 6444-6448 (1993).

Examiner Signature  /Lynn Bristol/	Date Considered  07/31/2007
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14875-134US1	Application No. 10/510,971
	Applicant Tetsuo Kojima		Filing Date October 12, 2004
			Group Art Unit

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
LAB	AB	CA 2 331 641	11/11/1999	Canada				
	AC	EP 0 774 511	05/21/1997	EPO				
	AD	DE 198 19 846	11/11/1999	Germany			see AB	
	AE	JP 2001-523971	11/27/2001	Japan			see AG	
	AF	WO 96/34892	11/07/1996	WIPO				
	AG	WO 98/50431	11/12/1998	WIPO				
	AH	WO 00/44788	08/03/2000	WIPO				
	AI	WO 01/44282	06/21/2001	WIPO				
	AJ	WO 01/70775	09/27/2001	WIPO				
	AK	WO 03/087163	10/23/2003	WIPO			X	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
LAB	AL	Carter, "Bispecific human IgG by design," <i>J. Immunol. Methods</i> , 248:7-15 (2001)
	AM	De Jonge et al., "Production and Characterization of Bispecific Single-Chain Antibody Fragments," <i>Mol. Immunol.</i> , 32:1405-1412 (1995)
	AN	Hoogenboom et al., "Multi-subunit proteins on the surface of filamentous phage: methodologies for displaying antibody (Fab) heavy and light chains," <i>Nucleic Acids Res.</i> , 19:4133-4137 (1991)
	AO	Hudson et al., "High avidity scFv multimers; diabodies and triabodies," <i>J. Immunol. Methods</i> , 231:177-189 (1999)
	AP	Kipriyanov et al., "Effect of Domain Order on the Activity of Bacterially Produced Bispecific Single-chain Fv Antibodies," <i>J. Mol. Biol.</i> , 330:99-111 (2003)
	AQ	Krebber et al., "Reliable cloning of functional antibody variable domains from hybridomas and spleen cell repertoires employing a reengineered phage display system," <i>J. Immunol. Methods</i> , 201:35-55 (1997)
	AR	Kurucz et al., "Retargeting of CTL by an Efficiently Refolded Bispecific Single-Chain Fv Dimer Produced in Bacteria," <i>J. Immunol.</i> , 154:4576-4582 (1995)
	AS	Little et al., "Of mice and men: hybridoma and recombinant antibodies," <i>Immunol. Today</i> , 21:364-370 (2000)

Examiner Signature /Lynn Bristol/	Date Considered 07/31/2007
--------------------------------------	-------------------------------

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14875-134US1	Application No. 10/510,971
	Applicant Tetsuo Kojima		
	Filing Date October 12, 2004		Group Art Unit

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
LAB	AT	Merchant et al., "An efficient route to human bispecific IgG," <i>Nat. Biotechnol.</i> , 16:677-681 (1998)
	AU	Peipp et al., "Bispecific antibodies targeting cancer cells," <i>Biochem. Soc. Trans.</i> , 30:507-511 (2002)
	AV	Plückthun et al., "New protein engineering approaches to multivalent and bispecific antibody fragments," <i>Immunotechnology</i> , 3:83-105 (1997)
	AW	Ridgway et al., "'Knobs-into-holes' engineering of antibody C <sub>H</sub> 3 domains for heavy chain heterodimerization," <i>Protein Eng.</i> , 9:617-621 (1996)
	AX	Shalaby et al., "Development of Humanized Bispecific Antibodies Reactive with Cytotoxic Lymphocytes and Tumor Cells Overexpressing the <i>HER2</i> Protooncogene," <i>J. Exp. Med.</i> , 175:217-225 (1992)
	AY	Skerra, "Use of the tetracycline promoter for the tightly regulated production of a murine antibody fragment in <i>Escherichia coli</i> ," <i>Gene</i> , 151:131-135 (1994)
	AZ	Völkel et al., "Optimized linker sequences for the expression of monomeric and dimeric bispecific single-chain diabodies," <i>Protein Eng.</i> , 14:815-823 (2001)
	AAA	Zuo et al., "An efficient route to the production of an IgG-like bispecific antibody," <i>Protein Eng.</i> , 13:361-367 (2000)

↓ AAB Supplemental IPCR (4/10/06)

Examiner Signature  /Lynn Bristol/	Date Considered  07/31/2007
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)  <b>Supplemental Information Disclosure Statement                  by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>14875-134US1</b>	Application No. <b>10/510,971</b>
	Applicant <b>Tetsuo Kojima</b>		Filing Date <b>June 21, 2005</b>
			Group Art Unit <b>1646</b>

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
LNB	AA	2004/0219643	11/04/2004	Winter et al.			
↓	AB	2006/0159673	07/20/2006	Kojima			
↓	AC	2006/0269989	11/30/2006	Miyazaki et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AD							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
LNB	AE	Goldstein et al., "Cytolytic and Cytostatic Properties of an Anti-Human FcγRI (CD64) × Epidermal Growth Factor Bispecific Fusion Protein," <i>J. Immunol.</i> , 158:872-879 (1997)

Examiner Signature /Lynn Bristol/	Date Considered 07/31/2007
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	